

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/06205

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/522 A61K31/57 A61K38/09 A61K38/20 A61K38/24
A61K45/06 A61P15/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, EMBASE, CHEM ABS Data, PASCAL, SCISEARCH, CANCERLIT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95 16459 A (RHONE MERIEUX ;DUFOUR RAYMOND (FR); TEICHNER MARC MAURICE (FR); CH) 22 June 1995 (1995-06-22) cited in the application	36
Y	page 15, line 29 - line 35 claim 28 --- -/-	37

X Further documents are listed in the continuation of box C.

Y Patent family members are listed in annex.

^o Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

7 April 2004

Date of mailing of the International search report

23/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MOLLOY B G ET AL: "OVULATION INDUCTION IN CLOMIPHENE NONRESPONSIVE PATIENTS THE PLACE OF PULSATILE GONADOTROPIN-RELEASING HORMONE IN CLINICAL PRACTICE" FERTILITY AND STERILITY, vol. 43, no. 1, 1985, pages 26-33, XP009021177 ISSN: 0015-0282 cited in the application abstract page 27, column 2, paragraph 3 -page 28, column 1, paragraph 1 table 1	1-5, 8, 15, 16, 21, 23, 38-42, 45, 52, 53, 58, 60
Y	the whole document	6, 7, 9-14, 17-20, 22, 36, 37, 43, 44, 46-51, 54-57, 59
X	LEMAY A ET AL: "GONADOTROPH AND CORPUS LUTEUM RESPONSES TO 2 SUCCESSIVE INTRA NASAL DOSES OF LHRH AGONIST AT DIFFERENT DAYS AFTER THE MID CYCLE LUTEINIZING HORMONE SURGE" FERTILITY AND STERILITY, vol. 39, no. 5, 1983, pages 661-667, XP009021135 ISSN: 0015-0282 cited in the application page 662, column 1, paragraph 2 page 662, column 2, paragraph 2	1, 2, 15-17, 23-27, 38, 39, 52-54, 60-64, 68
Y	the whole document	4-14, 18-22, 28-37, 41-51, 55-59, 65-67, 69-72

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SCHMIDT-SAROSI CECILIA ET AL: "Ovulation triggering in clomiphene citrate: Stimulated cycles: Human chorionic gonadotropin versus a gonadotropin releasing hormone agonist" JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol. 12, no. 3, 1995, pages 167-174, XP009021098 ISSN: 1058-0468 cited in the application abstract page 168, column 2, paragraph 1 - paragraph 4	1,3, 14-19, 23,38, 40, 51-56,60
Y	the whole document	2,4-13, 20-22, 24-37, 39, 41-50, 57-59, 61-72
X	HANKER J P ET AL: "FREQUENCY VARIED VS. UNVARIED PULSATILE LHRH SUBSTITUTION IN HYPOTHALAMIC AMENORRHEA" EUROPEAN JOURNAL OF OBSTETRICS AND GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol. 17, no. 2-3, 1984, pages 103-120, XP009021261 ISSN: 0301-2115 cited in the application page 104 - page 105, chapter "Patients and methods" page 115, paragraph 2	1,3-5, 15,16, 23,38, 40-42, 52,53,60
Y	the whole document	2,6-14, 17-22, 24-37, 39, 43-51, 54-59, 61-72

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VOLPE A ET AL: "PREGNANCY FOLLOWING COMBINED GROWTH HORMONE-PULSATILE GNRH TREATMENT IN A PATIENT WITH HYPOTHALAMIC AMENORRHEA" HUMAN REPRODUCTION (OXFORD), vol. 5, no. 3, 1990, pages 345-347, XP009021282 ISSN: 0268-1161	1,3-5, 16,23, 38, 40-42, 53,60
Y	page 345, chapter "Case report" the whole document	2,6-14, 17-22, 24-37, 39, 43-51, 54-59, 61-72

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 38-72 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9516459	A	22-06-1995	FR	2713933 A1		23-06-1995
			AU	1275495 A		03-07-1995
			CA	2178954 A1		22-06-1995
			EP	0734266 A1		02-10-1996
			WO	9516459 A1		22-06-1995